

## ASO RRSPO Annual Report - FY04

Runway Incursions -FY-04			Runway Incursions -FY-03		
LOB	Type	Total	LOB	Type	Total
ATO	Operational Errors	21*	ATO	Operational Errors	21
FS	Pilot Deviations	26	FS	Pilot Deviations	29
ARP	Veh/Ped Deviations	12	ARP	Veh/Ped Deviations	13
<b>Total</b>		<b>59</b>	<b>Total</b>		<b>63</b>
* 1 proposed for re-classification to a Non-Event					

### ASO FY04 and FY03 Comparison of Runway Incursion (RI) Totals

0% CHANGE in Operational Errors

10% DECREASE in Pilot Deviations\*\*

8% DECREASE in Vehicle Pedestrian Deviations

**6% DECREASE OVERALL IN TOTAL NUMBER OF RIs**

\*\* RWS Resource Centers have been established at many of the G.A. airports for heighten safety awareness, which has contributed to a decrease in RIs caused by G.A pilots.

### ASO FY04 and FY03 Comparison of RI Categories

#### RI Category/Type - FY04

CAT	OE	PD	VPD	TTL
*A	1	1		2
*B		2		2
C	11	11	4	26
D	9	12	8	29
<b>TTL</b>	<b>21</b>	<b>26</b>	<b>12</b>	<b>59</b>

#### RI Category/Type - FY03

CAT	OE	PD	VPD	TTL
*A	1	1	1	3
*B	3	3	1	7
C	7	12	1	20
D	10	13	10	33
<b>TTL</b>	<b>21</b>	<b>29</b>	<b>13</b>	<b>63</b>

\*A 60% reduction of A & B RIs in FY04, which totaled 4 as compared to 10 for FY03.

### FY04 and FY03 Comparison of the 5 Larger Regions' RI Rates RI Rates Per 100K (thru 8/31)

FY04				
Regions	OPS	OE	PD	VPD
AEA	7,173,590	(15) .20	(14) .19	(6) .08
AGL	8,364,094	(20) .23	(28) .33	(10) .11
ASO	12,621,538	(22) .17	(25) .19	(12) .09
ASW	6,601,027	(5) .07	(17) .25	(3) .04
AWP	11,755,569	(15) .12	(53) .45	(14) .11

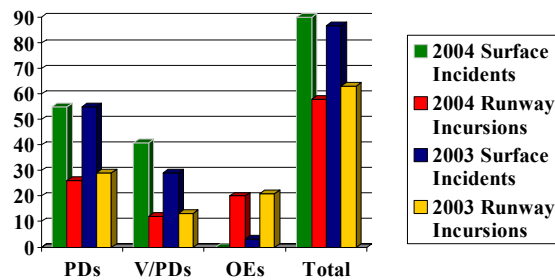
FY03				
Regions	OPS	OE	PD	VPD
AEA	7,016,299	(17) .24	(14) .19	(7) .09
AGL	8,675,083	(17) .19	(23) .26	(11) .12
ASO	12,244,141	(20) .16	(28) .22	(13) .10
ASW	6,868,163	(8) .11	(14) .20	(4) .05
AWP	12,278,289	(13) .10	(48) .39	(9) .07

( ) Represents Total RIs for same period each FY

## EASTERN TERMINAL SERVICE UNIT

Regions	New England	Eastern	Southern
Traffic as of 9/1/04	2,348,343	7,173,590	11,991,666
Total RI's as of 9/31/04	6	39	59
Rate per 100,000 ops.	0.08	0.54	0.49
RI's due to O/E	2	16	21
O/E rate per 100,000 ops.	0.08	0.22	0.17
Total of A&B RI's	2	4	4
O/E A&B RI's	0	3	1
Rate of O/E A&B RI's	0	0.04	0.008

### Surface Incidents/Runway Incursions 2004 Vs 2003



Surface Incidents	55	41	0	96
Runway Incursions	26	12	21	59
Surface Incidents	55	29	3	87
Runway Incursions	29	13	21	63

### FY04 and FY03 Comparison of Regions' Runway Incursions

#### FY04 Vs FY03

FY 2004					FY 2003				
REGION	OE/D	PD	VPD	TOTAL	REGION	OE/D	PD	VPD	TOTAL
AAL	3	9	7	19	AAL	1	7	4	12
ACE	3	5		8	ACE	2	10	5	17
AEA	16	15	8	39	AEA	19	15	7	41
AGL	21	28	10	59	AGL	17	24	11	52
ANE	2	4		6	ANE	2	3		5
ANM	10	10	3	23	ANM	5	15	4	24
<b>ASO</b>	<b>21</b>	<b>26</b>	<b>12</b>	<b>59</b>	ASO	21	29	13	63
ASW	5	19	3	27	ASW	9	16	7	32
AWP	16	55	14	85	AWP	14	55	9	78
<b>TOTAL</b>	<b>97</b>	<b>171</b>	<b>57</b>	<b>325</b>	<b>TOTAL</b>	<b>90</b>	<b>174</b>	<b>60</b>	<b>324</b>

**FY04 Vs FY03 Comparison of Regions' Runway Incursion Categories**  
Thru 9/30

Runway Incursions Severity Ranking

National Goal FY04 A + B =40

REG	A	B	C	D	TOT
AAL			5	14	19
ACE			4	4	8
AEA	3	1	10	25	39
AGL	2	3	20	34	59
ANE		2	2	2	6
ANM	2	2	8	11	23
ASO	2	2	27	28	59
ASW	1	1	12	13	27
AWP	2	5	34	44	85
TOT	12	16	122	175	325

Runway Incursions Severity Ranking

National Goal FY03 A + B =44

REG	A	B	C	D	TOT
AAL			2	10	12
ACE		3	4	10	17
AEA	4	4	14	19	41
AGL	1	11	24	26	52
ANE		1	2	2	5
ANM		1	11	12	24
ASO	3	7	20	33	63
ASW	1	2	13	16	32
AWP	1	3	20	54	78
TOT	10	22	110	182	324

**Initiatives and Accomplishments**

**Special Emphasis – Regional Focus Airports**

- Heighten awareness, education and training
- Aggressive monitoring of airfield activities
- Emphasis placed on airfield familiarization and tours
- Two-way communications and partnership
- Frequent pilot safety seminars and CFI/workshops

**Ft. Lauderdale Executive Airport:** 50% reduction in RI for FY04 with 3RIs vs 6 for FY03

**McGhee-Tyson Airport:** No RIs for FY04 vs 5 RIs for FY03.

**Isla Grande Airport:** Experienced 3 consecutive RIs and 3 SIs in Oct and Nov 03. Since implementation of SEP in January 2004, there has only been 1 reported SI.

**Training/Familiarization Programs**

- ❖ “Safety Stand Down Day” – Prevention of VPDs
- ❖ Ground Support Team Awareness Training Guide and CD (English and Spanish)
- ❖ Public Use Vehicle & Aircraft Awareness CD Modules (developed for SIG)
- ❖ Quarterly Runway Incursion Prevention Techniques for ATCS
- ❖ Memory Jogger Posters for Enhanced Situational Awareness
- ❖ Runway Safety Resource Library at towered & Non-towered General Aviation Airports
- ❖ Generic Runway Safety Power Point Briefing on Surface Safety
- ❖ Pilot Safety Seminars/Meetings in conjunction with FSDO SPMs

---

---

### **Other Initiatives – Ongoing**

- **RSATs, Safety Assessments, Operations Rain Check and Safety Seminars**
- **State Aviation Conferences and CFI/DPE Workshops**
- **FAR 135 Awareness Briefing**
- **Pilot Briefings at 141 Schools**
- **Flight Instructors Refresher Training (FIRC)**
- **Check Airmen/Designated Pilot Examiners training**
- **Contract Towers Runway Safety familiarization**
- **Quarterly Runway Safety Bulletins with stats, trends, updates, etc.**
- **Partnership/Outreach program with International Air Transport Association (IATO) – 4<sup>th</sup> revision to Surface Operations Training tool Kit for air carrier pilots**